Figure 1

Figure 2

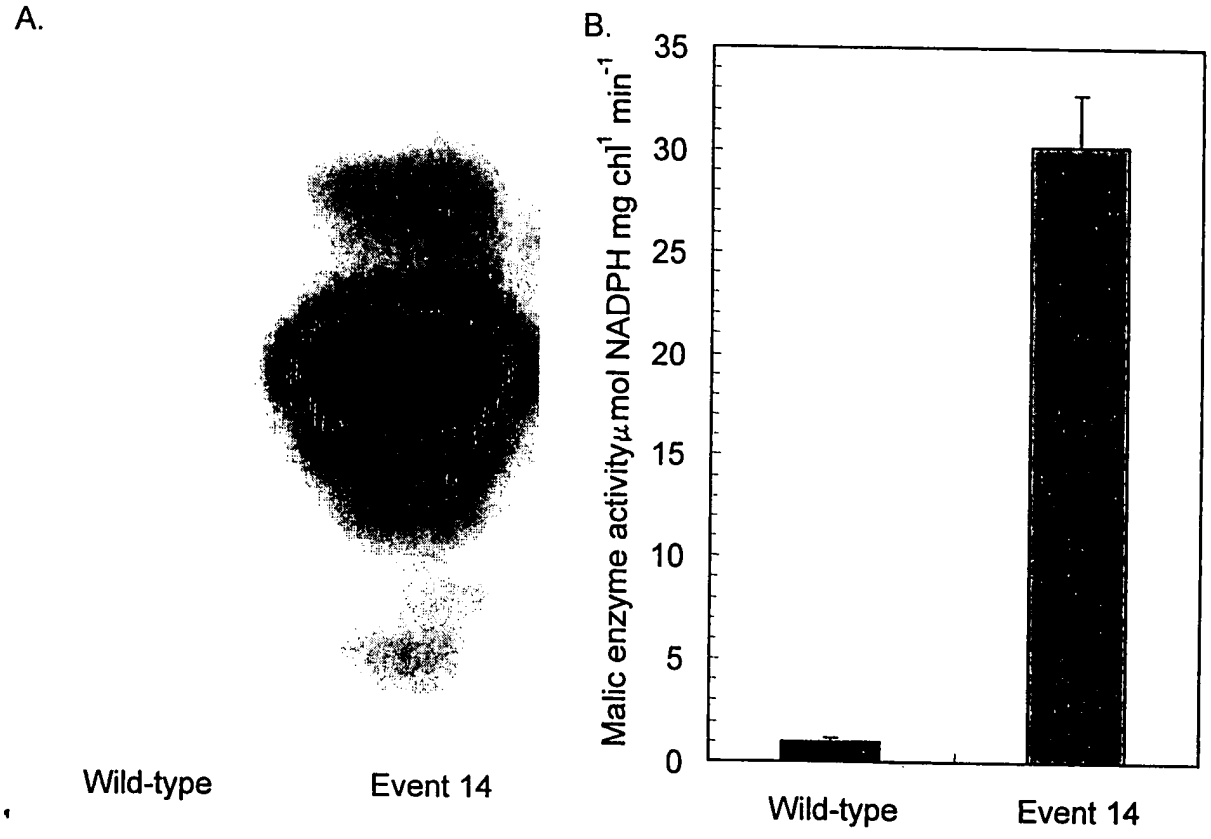

A.
B.
Malic enzyme activity μmol NADPH mg chl^{-1} min^{-1}
35
30
25
20
15
10
5
0
Wild-type
Event 14
Wild-type
Event 14

Figure 3

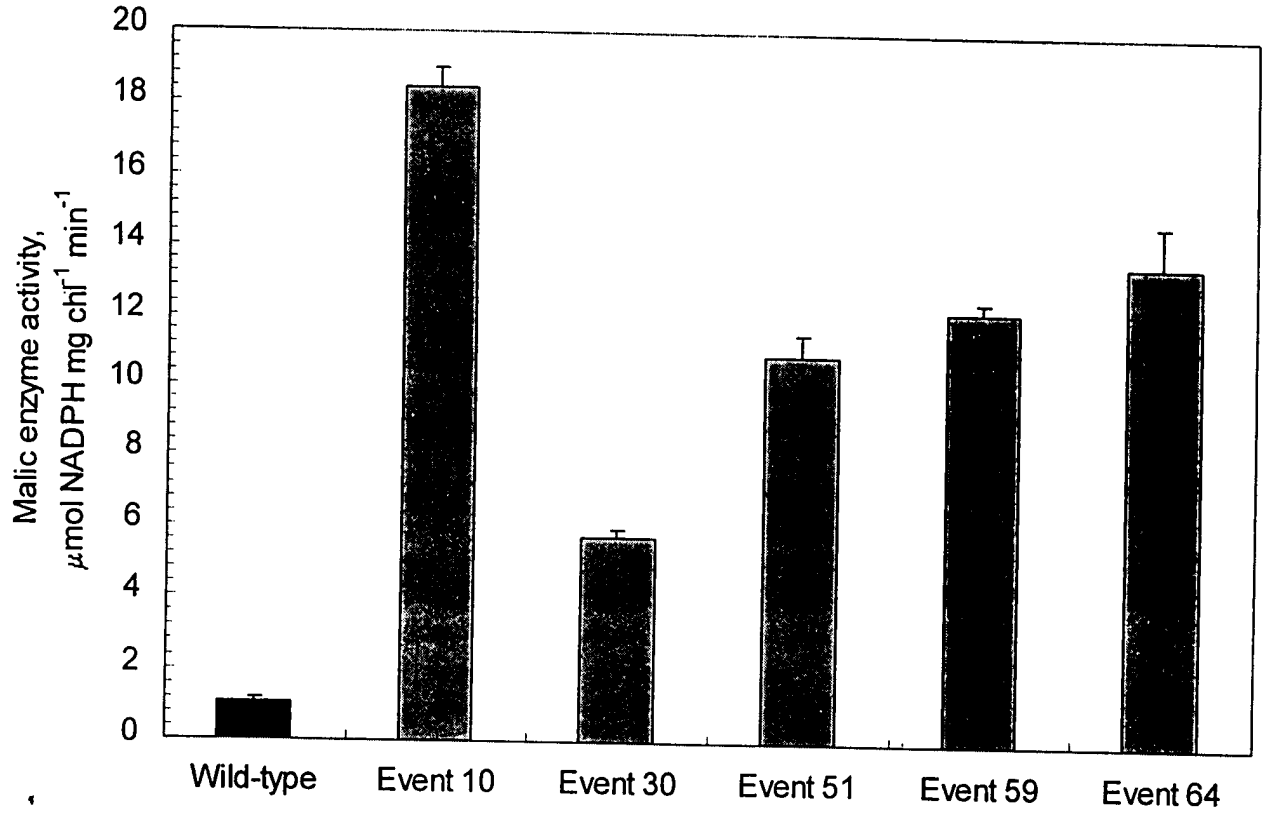

Malic enzyme activity,
μmol NADPH mg chl-1 min-1
20
18
16
14
12
10
8
6
4
2
0
Wild-type
Event 10
Event 30
Event 51
Event 59
Event 64

Figure 4

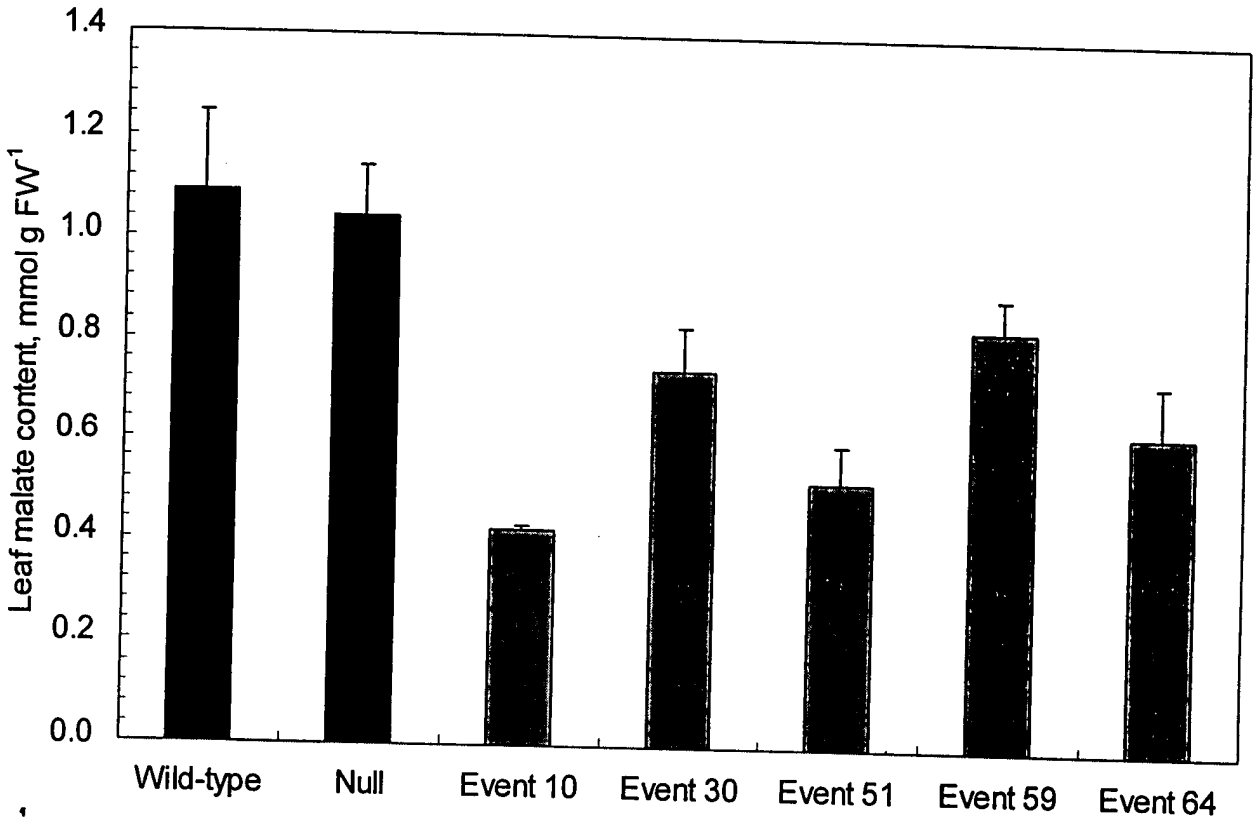

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Leaf malate content, mmol g FW-1
Wild-type
Null
Event 10
Event 30
Event 51
Event 59
Event 64

Figure 5

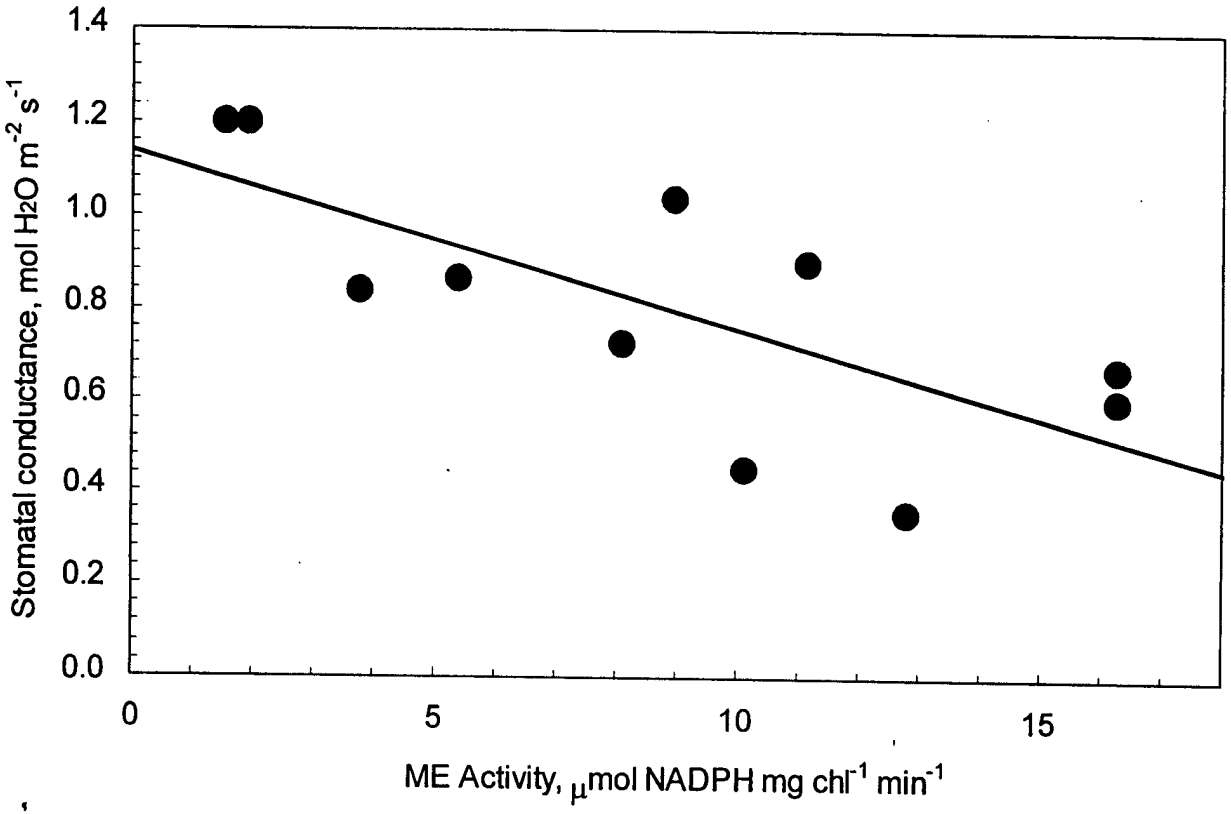

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Stomatal conductance, mol H2O m-2 s-1
0
5
10
15
ME Activity, μmol NADPH mg chl-1 min-1

Figure 6

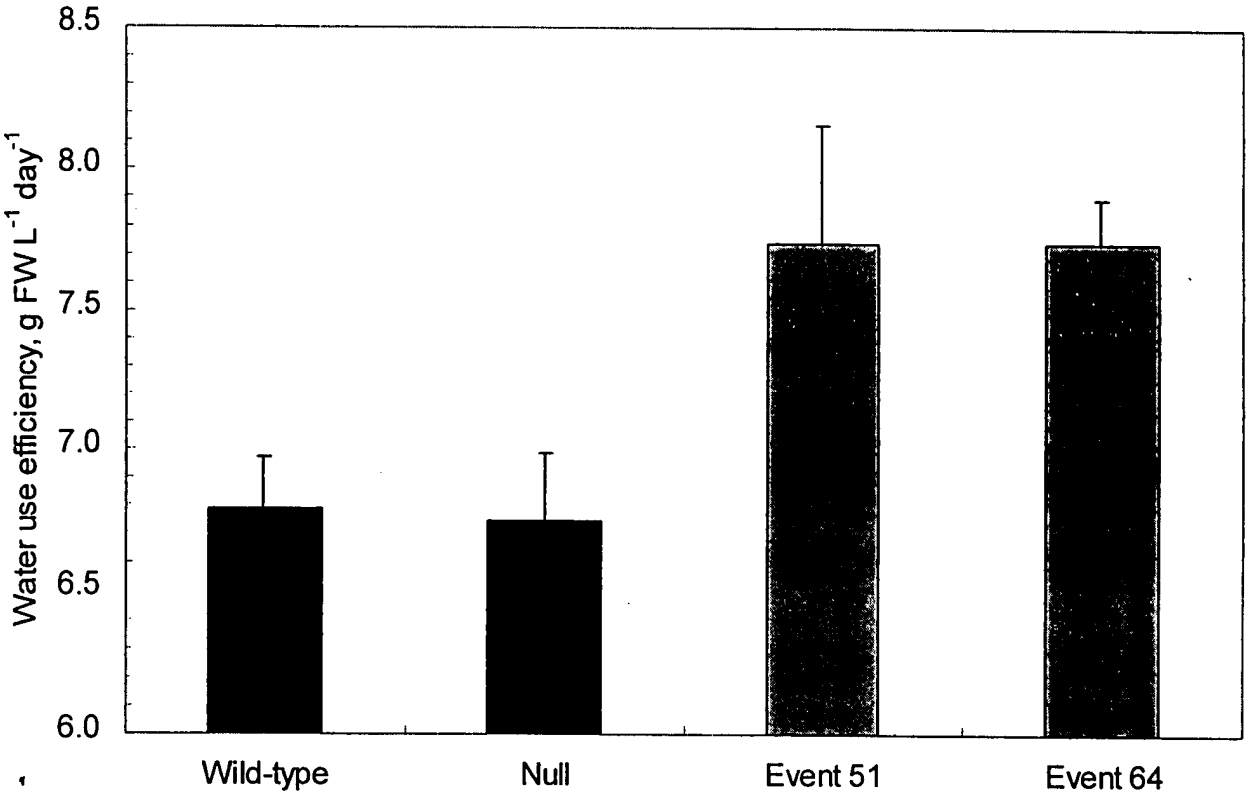
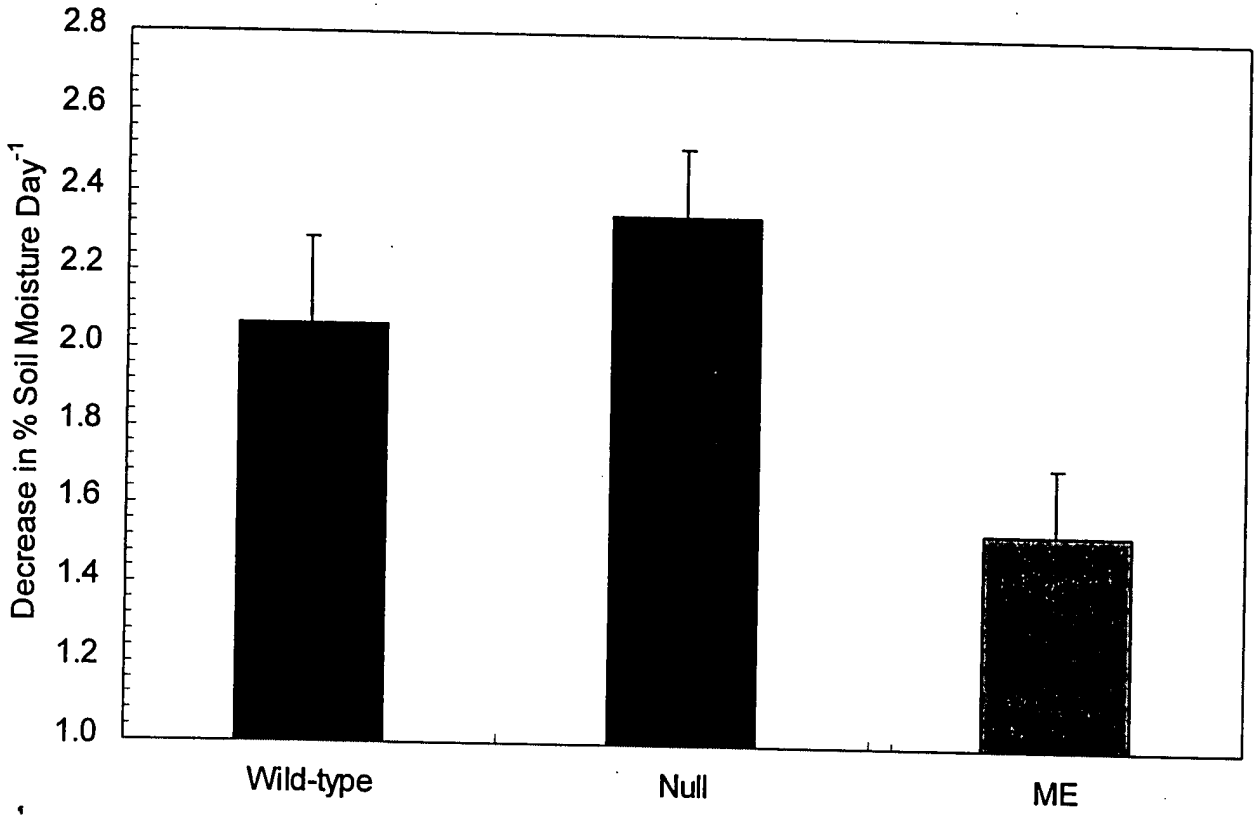

8.5
8.0
7.5
7.0
6.5
6.0
Water use efficiency, g FW L-1 day-1
Wild-type
Null
Event 51
Event 64

Figure 7


2.8
2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
Decrease in % Soil Moisture Day-1
Wild-type
Null
ME